## What is claimed is:

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- 1. A fire protective container, comprising:
- a. an outer wall composed of:
  - i. water glass composed of a sodium silicate solution that is about 40% solids, 60% water, and having a SiO2:Na2O ratio in the range of about 2.1 to 4:1;
  - ii. calcium chloride; and
  - iii. a wicking agent.
  - 2. The fire protective container of claim 1, further comprising:
    - a. an intermediate wall; and
    - b. an inner wall composed of a phase change material.
  - 3. The fire protective container of claim 2, wherein said outer wall is about 1 to 2 inches thick, said intermediate wall is about 0.5 to 2 inches thick, and said inner wall is about 0.25 to 1 inch thick.
  - 4. The fire protective container of claim 2, wherein said intermediate wall is composed of urethane.
  - 5. The fire protective container of claim 2, wherein said intermediate wall is composed of polystyrene foam.

1	6.	The fire protective container of claim 2, wherein said phase change material is
2	composed of	dibasic and tribasic sodium phosphate, and water.
1	7.	A fire protective container, comprising:
	,,	
2		a. an outer wall composed of:
3		i. water glass composed of a sodium silicate solution that is about
4	<i>(</i> \ ,	40% solids, 60% water, and having a SiO2:Na2O ratio in the range
5	, //	of about 2:1 to 4:1;
6	52	ii. calcium chloride; and
7 7 1 1 1 1 1 1 1 2	Q()	iii. dibasic sodium phosphate.
	V	
1	8.	The fire protective container of claim 7, wherein said outer wall is further
	=	
□  ≟ 3		a. calcium metasilicate; and
1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		b. propylene glycol.
1	9.	The fire protective container of claim 8, wherein said outer wall is composed by
2	weight of:	
3		a. 56 parts by weight of said water glass;
4		b. 0 to 2 parts by weight of said calcium metasilicate;
5		c. 6 to 12 parts by weight of said dibasic sodium phosphate; and
6		d. $\int_0^0 0$ to 3 parts by weight of said propylene glycol.

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- 10. The fire protective container of claim 8/further comprising:
  - a. an intermediate wall; and
  - b. an inner wall composed of a phase change material.
- 11. The fire protective container of claim 10, wherein said outer wall is about 1 to 2 inches thick, said intermediate wall is about 0.5 to 2 inches thick, and said inner wall is about 0.25 to 1 inch thick.
- 12. The fire protective container of claim 11, wherein said intermediate wall is composed of urethane.
- 13. The fire protective container of claim 11, wherein said intermediate wall is composed of polystyrene foam.
- 14. The fire protective container of claim 11, wherein said phase change material is composed of dibasic and tribasic sodium phosphate, and water.

1	15.	A fire protective container, comprising:
2		a. an outer wall composed of:
3		i. water glass composed of a sodium silicate solution that is about
4		40% solids, 60% water, and having a SiO2:Na2O ratio in the range
5		of about 2/1 to 4:1;
6		ii. calcium chloride; and
7	N	iii. an additive chosen from the group of calcium oxide or calcium
8	M,	hydroxide.
: 2006 FB	<b>M</b>	
<u>.</u> 1	$\mathcal{V}_{16.}$	The fire protection container of claim 15, wherein said outer wall is further
	composed of:	
<b>1</b> 3		a. spray dried sodium silicate; and
		b. propylene glycol.
	17.	The fire protection container of claim 16, wherein said outer wall is composed by
<u> </u>	weight of:	
3		a. 56 parts by weight of said water glass;
4		b. 0 to 12 parts by weight of said spray dried sodium silicate;
5		c. 4 to 10 parts by weight of said additive;
6		d. 2 to 10 parts by weight of said calcium chloride; and
7		e. 0 to 3 parts by weight of said propylene glycol.

The fire protection container of claim 16, wherein said outer wall is further 18. 1 composed of anhydrous dibasic sodium phosphate, 2 The fire protection container of claim 18, wherein said anhydrous dibasic sodium 1 19. 2 phosphate is added in 4 to 12 parts by weight. 20. A fire protection container, comprising: an ofter wall composed of: a. water glass composed of a sodium silicate solution that is about i. 40% solids, 60% water, and having a SiO2:Na2O ratio in the range of about 2:1 to 4:1; ii. calcium chloride; and iii. propylene glycol. The fire protection container of claim 20, wherein said outer wall is further 21. **-** 2

composed of calcium oxide.

23.

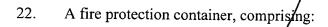
eight of:

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- a. an outer wall composed of:
  - i. water glass composed of a sodium silicate solution that is about 40% solids, 60% water, and having a SiO2:Na2O ratio in the range of about 2:1 to 4:1;
  - ii. calcium chloride; and
  - iii. water soluble oil; and
  - iv. calcium oxide.

The fire projection container of claim 22, wherein said outer wall is composed by

- a. 20 parts by weight of said water glass;
- b. /1 part by weight of said water soluble oil;
- c.  $\int 2$  to 3 parts by weight of said calcium oxide; and
- d. / 2.4 to 3.2 parts by weight of said calcium chloride.